



# Exam Announcement

California State Government - equal opportunity to all regardless of race, color, creed, national origin, ancestry, sex, marital status, disability, religious or political affiliation, age or sexual orientation. It is an objective of the State of California to achieve a drug-free state work place. Any applicant for State employment will be expected to behave in accordance with this objective because the use of illegal drugs is inconsistent with the law of the State, the rules governing civil service and the special trust placed in public servants.

## SENIOR ENVIRONMENTAL SCIENTIST OPEN NON PROMOTIONAL - STATEWIDE CONTINUOUS TESTING

### HOW TO APPLY:

Completion of a standard state application is required for this examination <http://jobs.ca.gov/pdf/std678.pdf>. Please submit your application to the following address:

STATE WATER RESOURCE CONTROL BOARD  
HUMAN RESOURCES BRANCH – EXAM UNIT  
1001 I STREET, 18<sup>TH</sup> FLOOR  
SACRAMENTO, CA 95814

**TEST DATES ARE SET BY THE STATE WATER RESOURCES CONTROL BOARD. TESTING IS CONSIDERED CONTINUOUS AS DATES CAN BE SET AT ANY TIME AND ELIGIBLE LISTS ARE MERGED.**

**SALARY RANGE: \$5450 - 6578**

### REQUIREMENTS FOR ADMITTANCE TO THE EXAMINATION:

All applicants must meet the education and/or experience requirements as listed in this announcement. If you meet the entrance requirements for the class and the Staff Environmental Scientist, you may file for both examinations on a single application.

### MINIMUM QUALIFICATIONS:

Qualifying experience may be combined on a proportional basis if the requirements stated below include more than one pattern and are distinguished as "Either" I "or" II, "or" III, etc. For example candidates possessing qualifying experience amounting to 50% of the required time of pattern I, and additional experience amounting to 50% of the required time of pattern II, may be admitted to an examination as meeting 100% of the overall experience requirements.

**Education:** Possession of a bachelor's or advanced degree with a major in a biological, chemical, physical, or environmental science, or a closely related scientific discipline. (Admission to a masters or doctoral degree program in a biological, chemical, physical, or environmental science, or a closely related scientific discipline shall be considered to meet these education qualifications.)  
Either I

**Experience:** Two years of experience in the California state service performing the duties of an Environmental Scientist, Range C.  
Or II

**Experience:** Five years of increasingly responsible professional experience as a scientist in environmental analysis, research, management, planning, regulation, or investigation, two years of which have included responsibility in the development or implementation of environmental policies, programs, plans, or research projects; or conducting an environmental monitoring and surveillance or environmental management program; or in the direction of the work of a multi-disciplined environmental investigatory or regulatory staff, at a level equivalent to that of an Environmental Scientist, Range C, in the California state service. Possession of a master's degree in biological, chemical, physical, or environmental science, or a closely related scientific discipline may be substituted for one year of the required general experience; possession of a doctorate in the above-named disciplines may be substituted for two years of the general experience.

### ADDITIONAL DESIRABLE QUALIFICATIONS:

In appraising the relative qualifications of candidates, consideration will be given to the extent and type of pertinent experience and education over and above that required under "Minimum Qualifications". Experience in management, research, planning, or consultation in environmental programs demonstrated environment management skills, and knowledge of broad principles of economics and political science will be given preference.

### THE POSITION:

This is the first supervisory level of the series. Incumbents supervise and direct the work of professional or technical staff, and do other related work.

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Incumbents performing in this capacity have the authority and responsibility in the interest of management to hire, transfer, suspend, layoff, recall, promote, discharge, assign, reward, or discipline employees. Incumbents have the responsibility to direct employees, adjust employee grievances, or effectively recommend such actions. Positions exist statewide.

### EXAMINATION INFORMATION:

INTERVIEWS WILL NOT BE HELD. This examination will consist of the supplemental application weighted 100%. To obtain a position on the eligible list, applicants must achieve a minimum rating of 70% on the supplemental application.

**A candidate may be tested only once within a 12 month period.**

### SCOPE OF TRAINING AND EXPERIENCE EXAMINATION:

- A. Knowledge of:
  - 1. Basic principles of land, water, fish wildlife, and other natural resources research.
  - 2. Principles of ecology.
  - 3. Statistical methods.
  - 4. Land-use practices with reference to their general effect on human health, natural resources, and the environment.
  - 5. Effects of waste material and their interactions on the environment.
  - 6. Chemical reaction.
  - 7. State and Federal environmental rules, regulations, and requirements.
  - 8. Legislative process.
  - 9. Environmental programs and policies of the State.
  - 10. Principles and techniques of personnel management and supervision.
  - 11. Budgeting and other administrative functions.
  - 12. A supervisor's role in the Equal Employment Opportunity Program and the processes available to meet the equal employment opportunity objectives.
- B. Ability to:
  - 1. Collect environmental data.
  - 2. Analyze and evaluate data and reach sound conclusions.
  - 3. Review, check, and interpret scientific and environmental reports.
  - 4. Analyze situations and take appropriate actions.
  - 5. Establish and maintain cooperative relations and effective communication with local governments and all persons contacted.
  - 6. Prepare clear, complete and technically accurate reports.
  - 7. Apply rules, regulations, policies, and requirements of State and Federal environmental protection and resource management programs.
  - 8. Develop innovative solutions for difficult environmental management problems.
  - 9. Provide leadership in accomplishing basic functions and objectives in assigned programs.
  - 10. Inspire confidence and effective working relationships with employees, managers, and leaders in government and industry.
  - 11. Plan, organize, and direct the work of others.
  - 12. Perceive the alternatives available in the solution of management problems and select realistic courses of action.
  - 13. Effectively contribute to equal employment opportunity objectives.

**ELIGIBLE LIST INFORMATION:** Names of successful competitors are merged into the list in order of final scores, regardless of date. Eligibility expires after 12 months.

**CAREER CREDITS** will be granted in this examination.

**VETERANS PREFERENCE** will not be granted in this examination.

**CONTACT INFORMATION:** State Water Resources Control Board, Exam Unit at (916) 341-5127.

## SENIOR ENVIRONMENTAL SCIENTIST

### GENERAL INFORMATION

**The State Water Resources Control Board** reserves the right to revise the examination plan to better meet the needs of the service if the circumstances under which this examination was planned change. Such revision will be in accordance with civil service laws and rules and all competitors will be notified.

If you meet the requirements stated on this bulletin, you may take this examination, which is competitive. Possession of the entrance requirements does not assure a place on the eligible list. Your performance in the examination will be compared with the performance of the others who take this test, and all candidates who pass will be ranked according to their score.

**General Qualifications:** Candidates must possess essential personal qualifications including integrity, initiative, dependability, good judgment, and ability to work cooperatively with others; and a state of health consistent with the ability to perform the assigned duties of the classification. A medical examination may be required. In open examinations, investigation may be made of employment records and personal history and fingerprinting may be required.

**Eligible lists:** Eligible lists established by competitive examination, regardless of date, must be used in the following order: 1) sub-divisional promotional, 2) departmental promotional, 3) multi-departmental promotional, 4) service-wide promotional, 5) departmental open, 6) open. When there are two list of the same kind, the older must be use first.

**Career Credits:** In open, non-promotional examinations, career credits are granted to: 1) State employees with permanent civil service status, 2) full-time employees of the State who are exempt from State civil service pursuant to the provisions of Section 4 of Article VII of the California Constitution, and who meet all qualification requirement specified by the board and have 12 consecutive months of service in an exempt position, and 3) individuals who have served one full year in, or are graduates of, the California Conservation Corps (eligibility shall expire 24 months after graduation from the California Conservation Corps). Three points are added to the final test score of those candidates who meet the above criteria, and who are successful in the examination. Such examinations cannot be for managerial positions described in Government code section 3513. Competitors not currently employed in State civil service who have mandatory reinstatement rights may also be eligible for career credits, but they must explain their service status in the appropriate section of the Examination/Employment Application (STD 678).

Applications are available at the California Department of Human Resources located at 1810 16<sup>th</sup> Street, Sacramento CA 95811, local offices of the Employment Development Department and the testing department on the job bulletin.

TDD is Telecommunications Device for the Deaf and is reachable only from phones equipped with a TDD Device.

California Relay Telephone Service for the Deaf or Hearing Impaired.

From TDD phones: 1-800-735-2929

From voice phones: 1-800-735-2922